

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
Express Mail No. EL 755725065 US
Inventors: Christen M. Anderson et al. Serial No. 09/809,827 Docket No. 660088.420D6

ANT1m ATGGGTGATCACGC[TGGAGCTTCTAAAGGACTTCCTGGCCGGGCGGTCGCCG[TCGCGTGCCTCCAAGACCGGGTGCG 80
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ANT3m ATGACGGAA[CAGGOCATCTCCTCGCCAAAGACTTQ[GGCCGGAGGCATCGCCGCGGCCATCTCCAAGACGGCGTGGC 80

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ANT2m T[ATAGACTGCGTGGTCCGTAT[CCCAAGGAGCAGGAAGTCTGTCCTCTGGCGGGTAACCTGGCCAA[GTCACTGAGA 240
ANT3m TCGTGGACTGCA[GTGCCCATCCCCAAGGAGCAGGGCT[GCTGTCCTCTGGAGGGGAAACCT[GCCAACGTCA[CGC 240

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ANT2m T[GATTTTGCCCGTACCCGTCTAGCAGCTGATGTGGTAAAGCTGGAGTGAAGGGAA[TCCTGAGGCCTGGTGA[ACTGC 480
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Fig. 1A

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ANT2m CCGAGCGCCCTACTTCGGTATCTATGACACTG[AAGGG]AATGCT[CCGG]CTCCAAGAACAC[CACATCGTCAT]AGCT 640
ANT3m CCGGGGGCCCTACTTCGGG[GTA]CGATA[GGCCAAGGG]ATGCT[CCCG]ACCCC]AAGAACAC[GCACATCGT]GGTGAGCT 640

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ANT2m GGATGATCGACAGACTGT[CA]G[G]TGT[GCCGG]TGACT[TCCTA]CTT[GACACTGTTCGCCGCC]CATGATGATG 720
ANT3m GGATGATCG[G]CAGAC[G]GTGACGGCG[G]TGGCCGGCGT[G]TGTGCTTACCCCT[GACACGGT]GGGGGGCATGATGATG 720

ANT1m CAGTCCGG[G]AAAGG[G]G[G]AT[AT]GTACACGG[G]AC[G]TTGACTGCTGGAGGAAGATT[G]A[G]A[G]GAAGGGAG 797
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ANT3m CAGTCCGGGGCCAAAGGAGCTGACATCATGTACACGGCAGG[G]ACTG[G]GGAGGAAGAT[CTT]CAGAGATGA[G]GGGG 800

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ANT2m CAA[G]G[TT]TCAGGGTG[G]G[GGTCCAATGT]CT[GAGGGCATGG]G[G]GTGTCTTGT[GCTTG]TATGATGA[A] 880
ANT3m CAAGGCCTTCTCAAGGGTG[G]G[GGTCCAAGT]GCTG[G]GGCATGGGG[G]G[TT]GTGCTGGT[G]TGT[GTA[G]GAG 880

ANT1m TCAA[A]AA[TAT]GTCTAA 894
ANT2m TCAAGAAGTACAC[A]AA 897
ANT3m TCAAGAAG[G]TGTCTAA 897

Fig. 1B

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HANT2p YKGI IDCVRIPKEQEVLSFWRGNLNVIRYFPTQALNFAFKDKYKQI[REDACTED] FL 100
HANT3p YKGI[REDACTED] VRIPKEQGVLSFWRGNLNVIRYFPTQALNFAFKDKYKQI[REDACTED] FL 100

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HANT2p GGVDK[REDACTED] QFW[REDACTED] YFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGKAGA 150
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HANT3p YTGTVD[REDACTED] CWRKIA[REDACTED] DE[REDACTED] EG[REDACTED] GKAFFKG[REDACTED] AWSNV[REDACTED] LRG[REDACTED] MGGAFVL[REDACTED] VL[REDACTED] YDE[REDACTED] KKVI 299

Fig. 2

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT L
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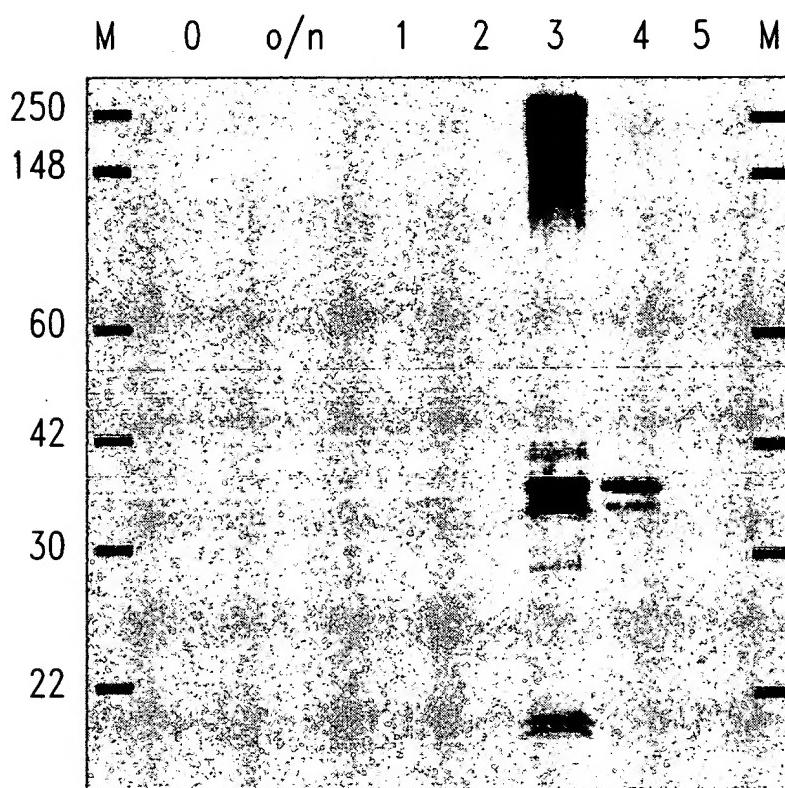


Fig. 3

Title: PRODUCTION OF ADENYLCYCLOLIC NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT L AND SCREENING ASSAYS THEREFOR

Express Mail No. EL 755725065 US

Inventors: Christen M. Anderson et al. Serial No. 09/809,827 Docket No. 660088.420D6

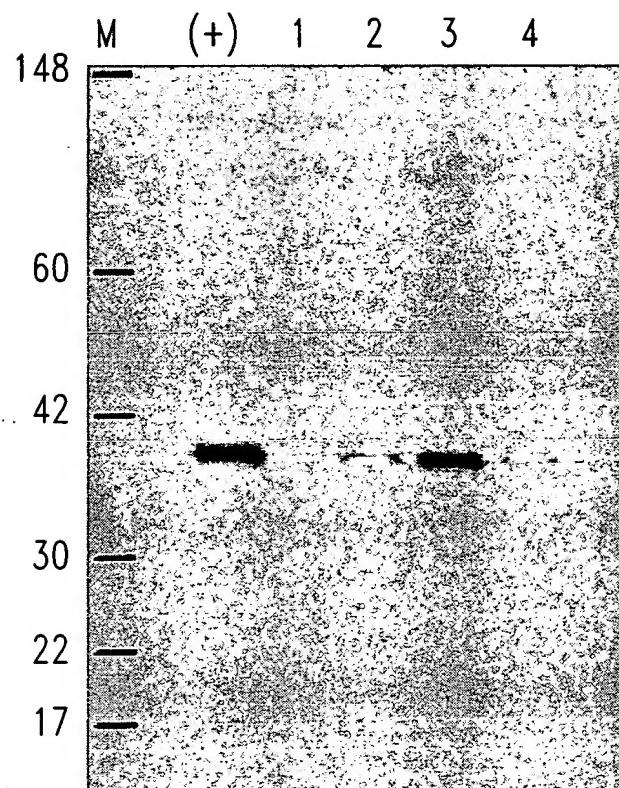


Fig. 4

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT L
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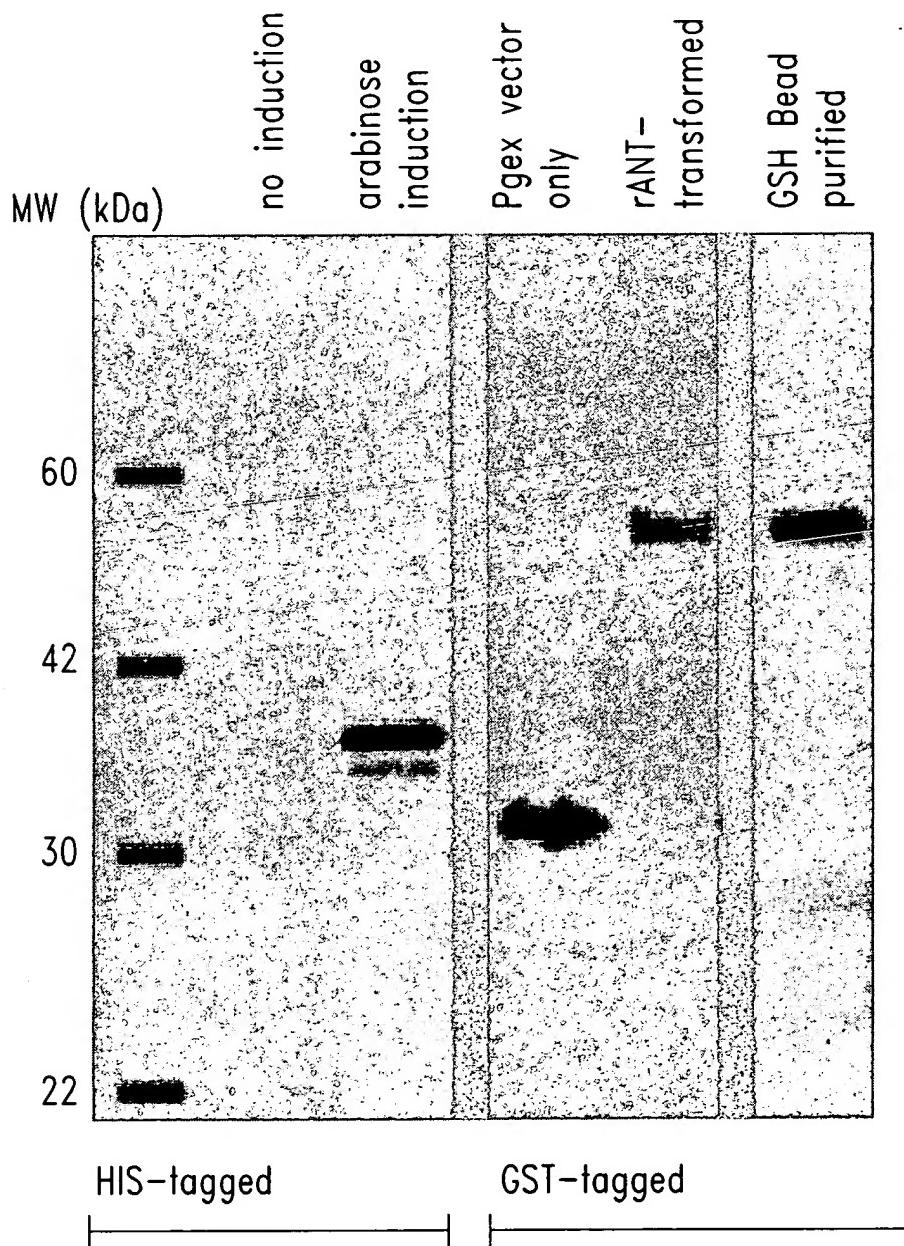


Fig. 5

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT L
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Express Mail No. EL 755725065 US

Inventors: Christen M. Anderson et al. Serial No. 09/809,827 Docket No. 660088.42006

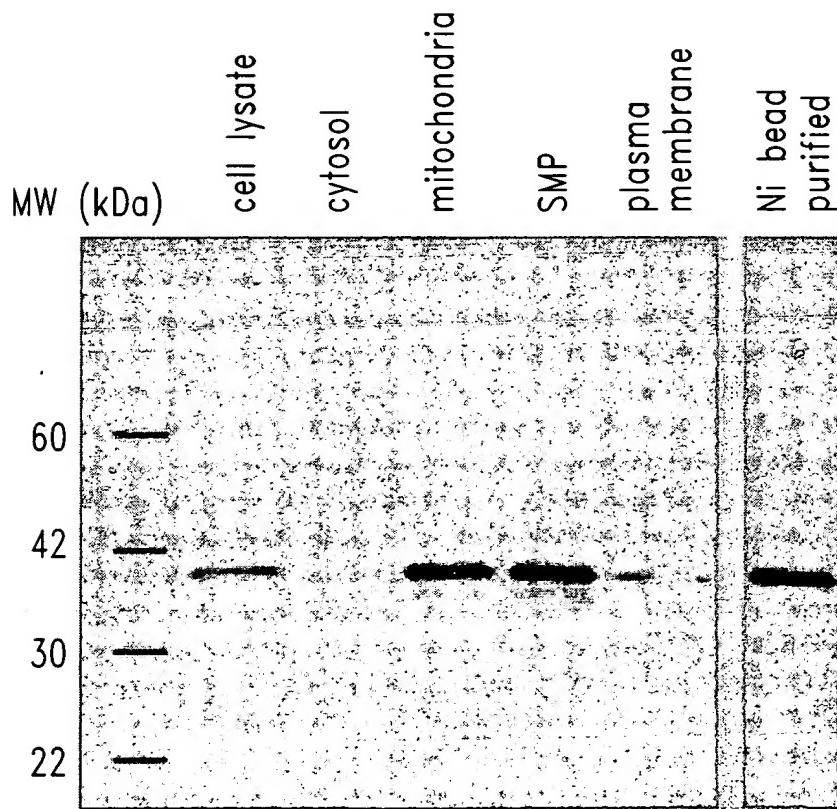


Fig. 6

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
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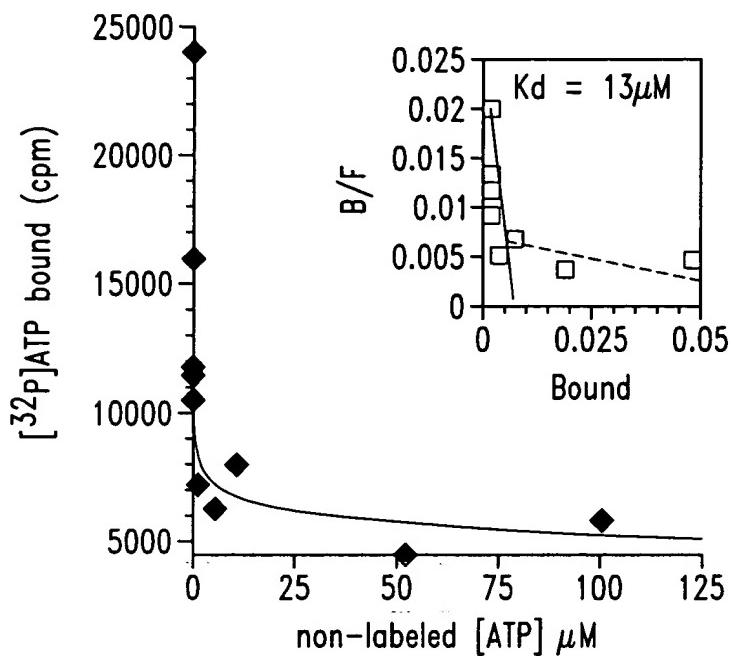


Fig. 7

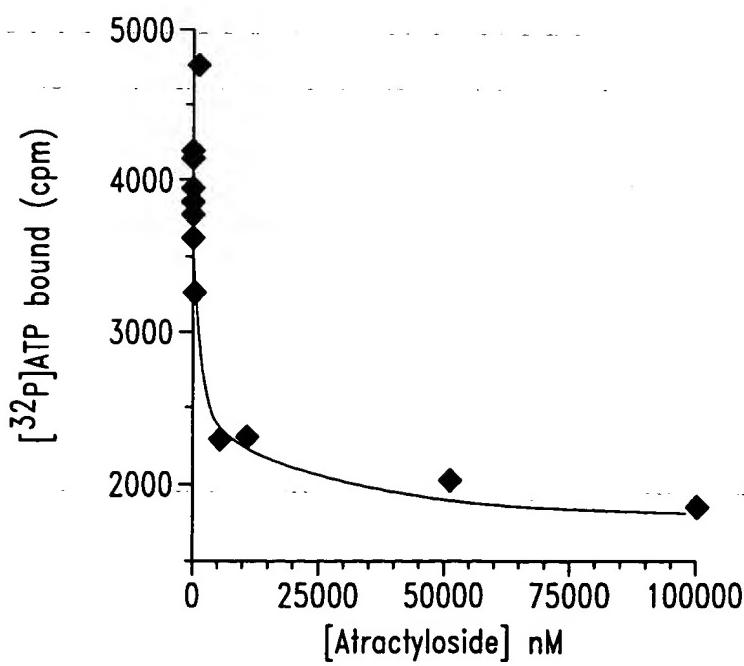


Fig. 8

Title: PRODUCTION OF ADENYLCYCLOLIC NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT L
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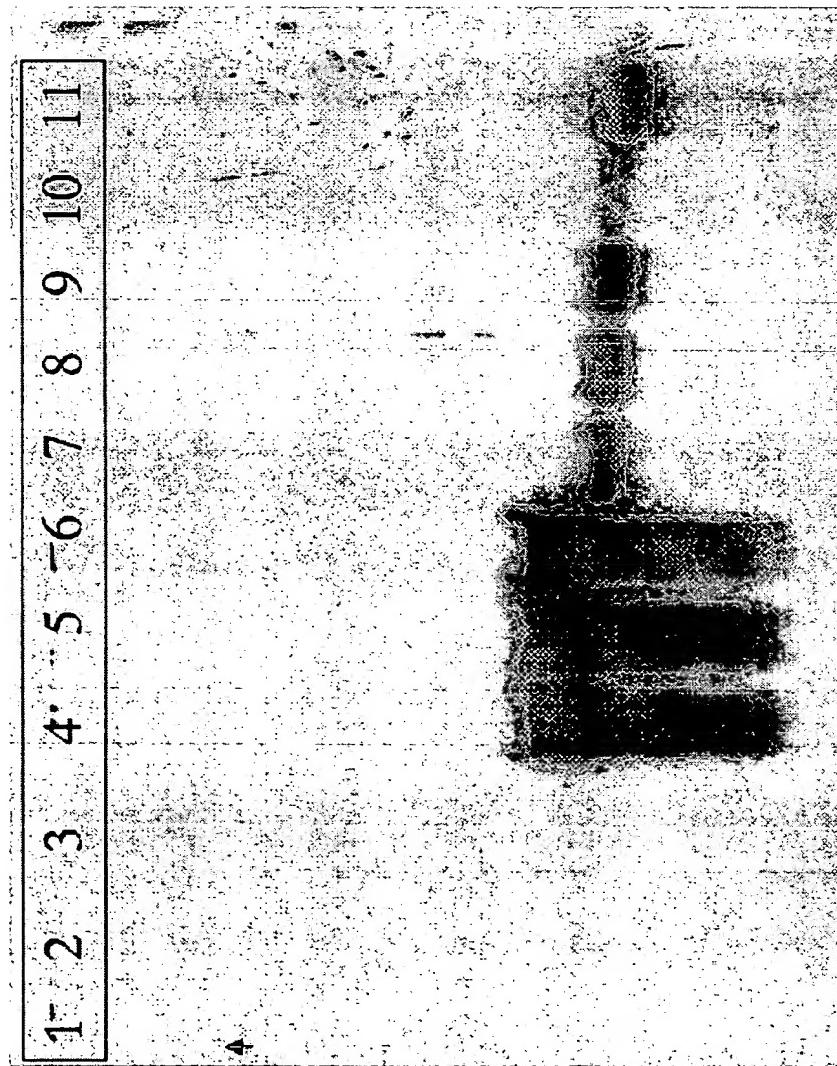


Fig. 10

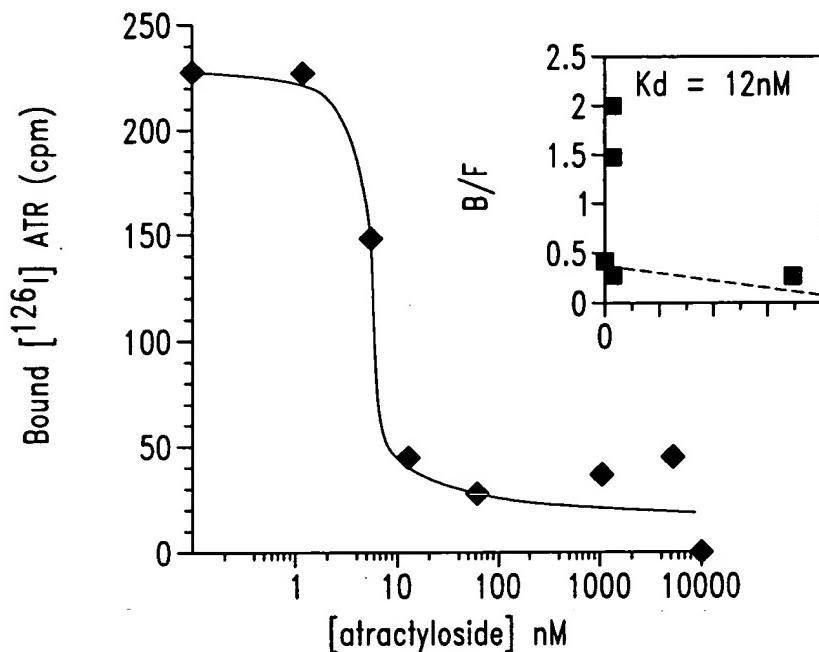


Fig. 9

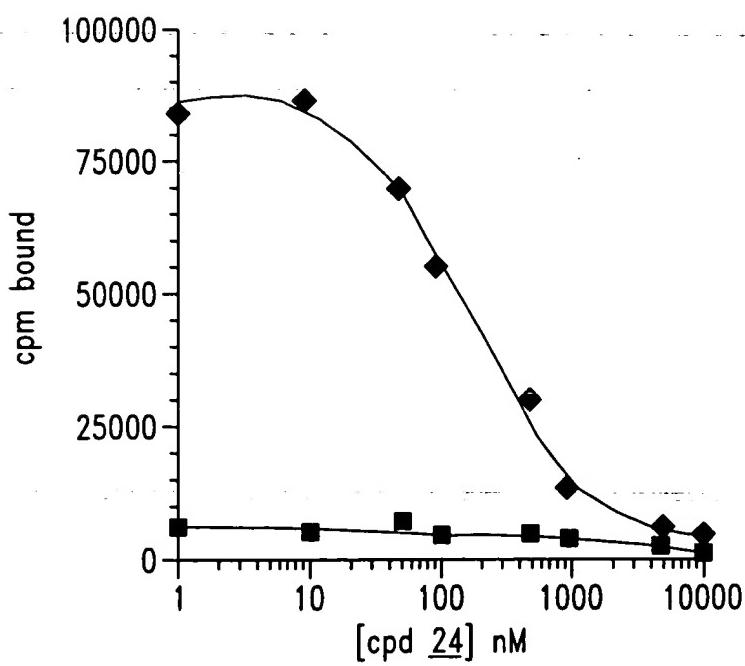


Fig. 11

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LEADS AND SCREENING ASSAYS THEREFOR
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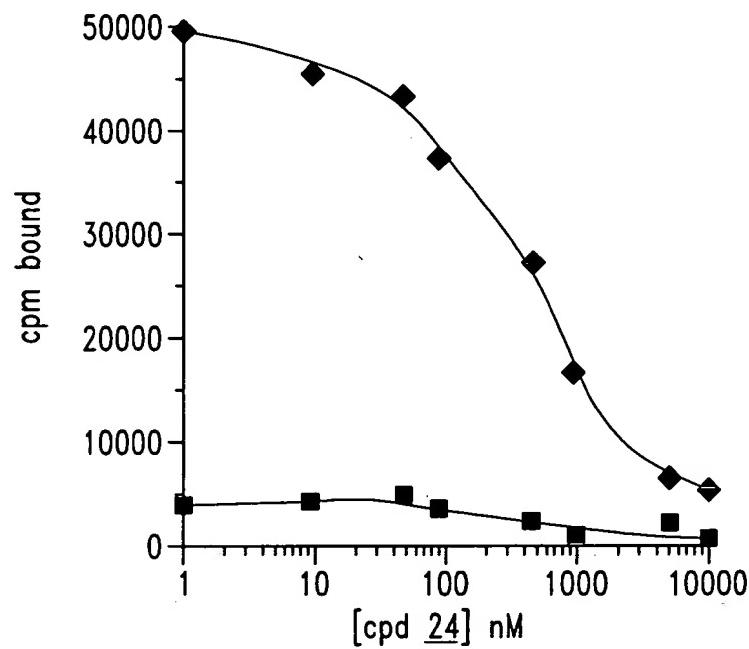


Fig. 12

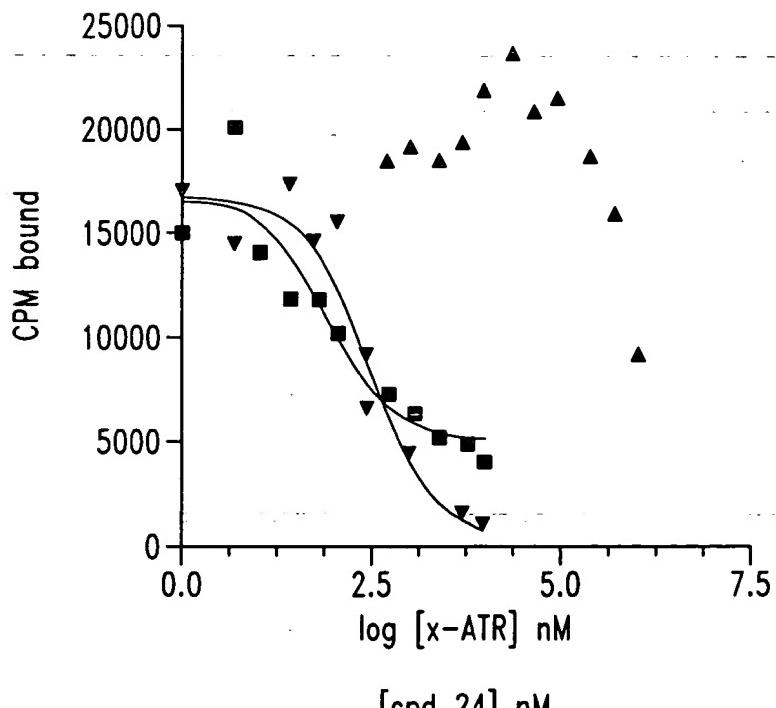


Fig. 13

Title: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
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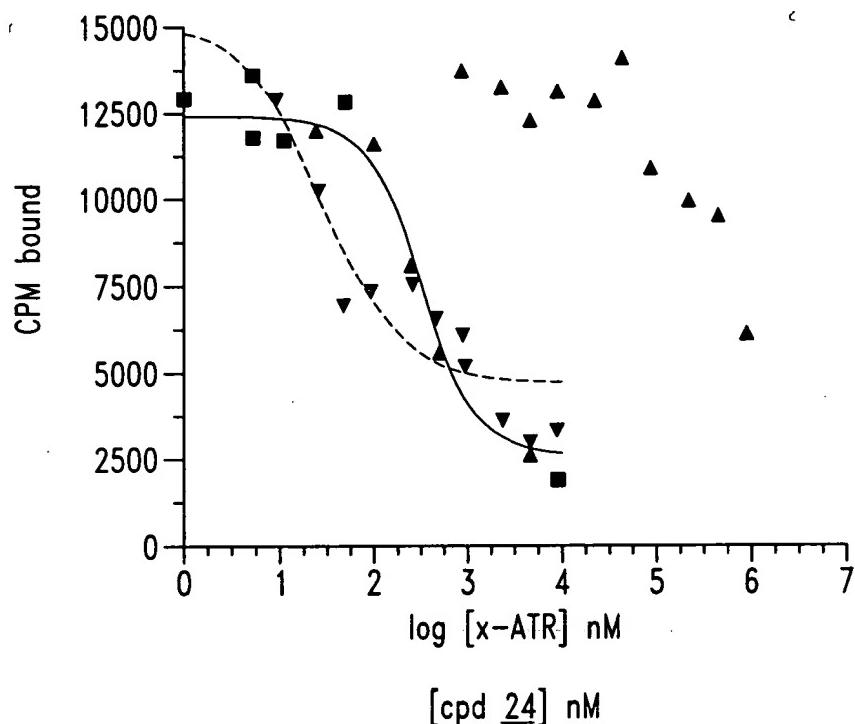


Fig. 14

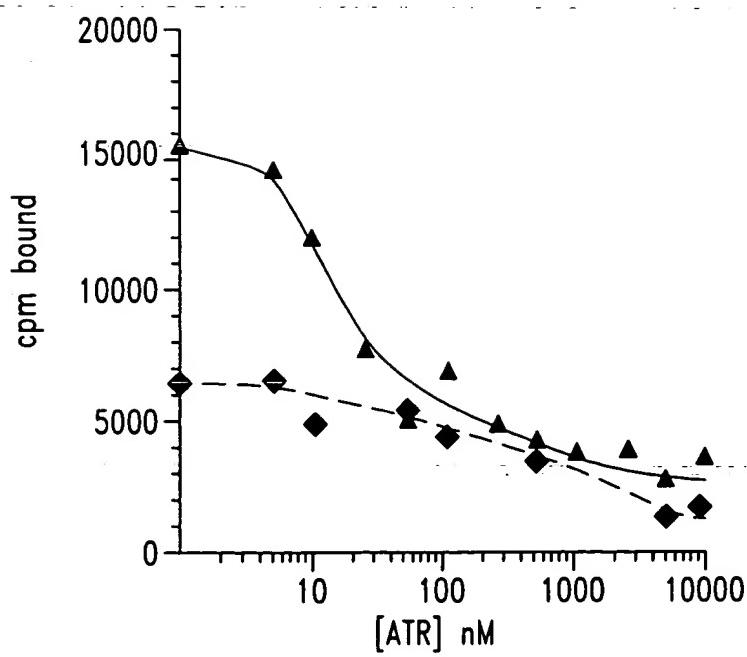


Fig. 15

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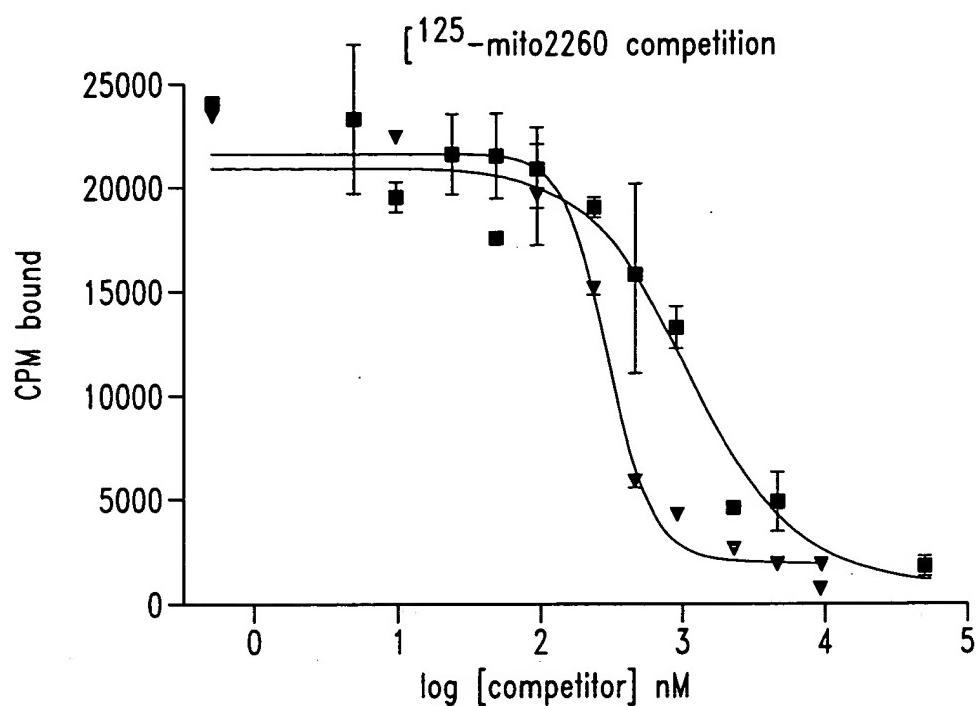


Fig. 16

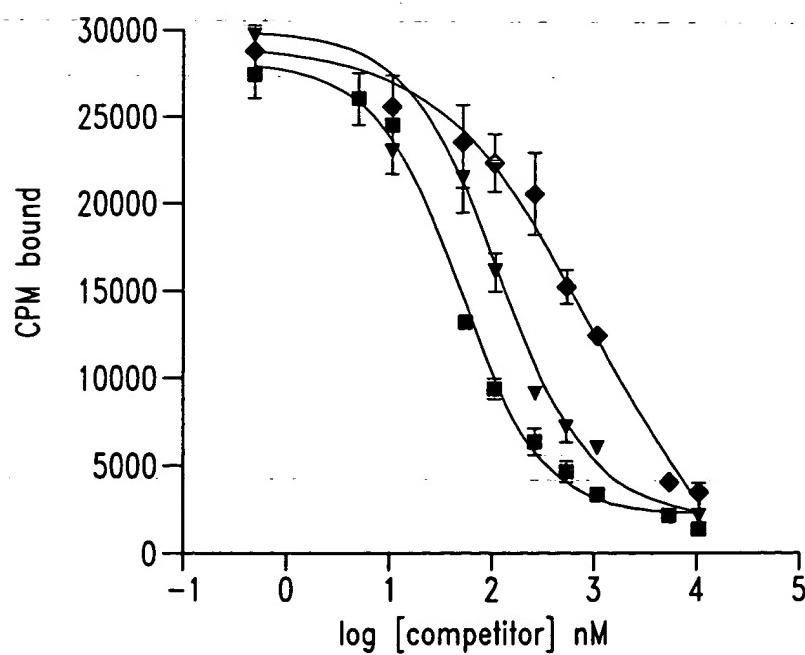


Fig. 17

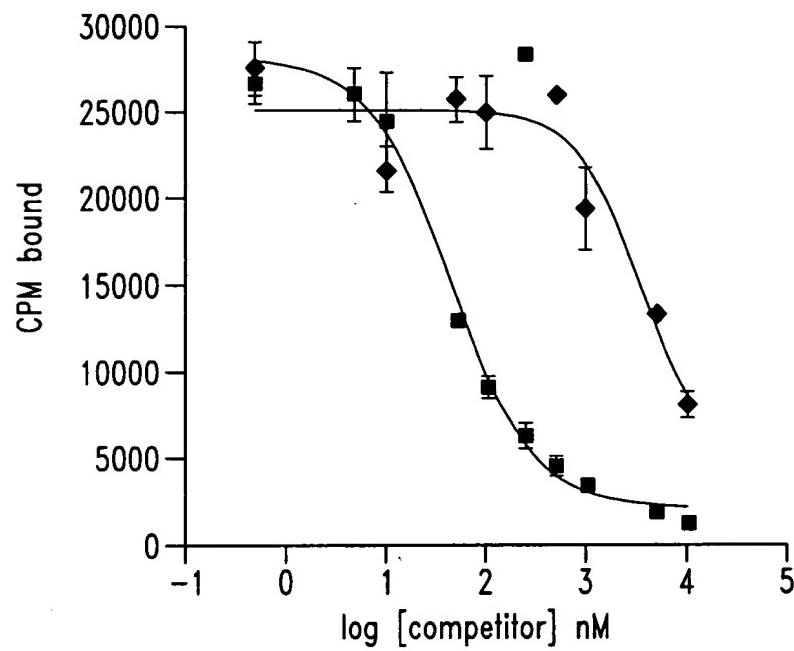


Fig. 18

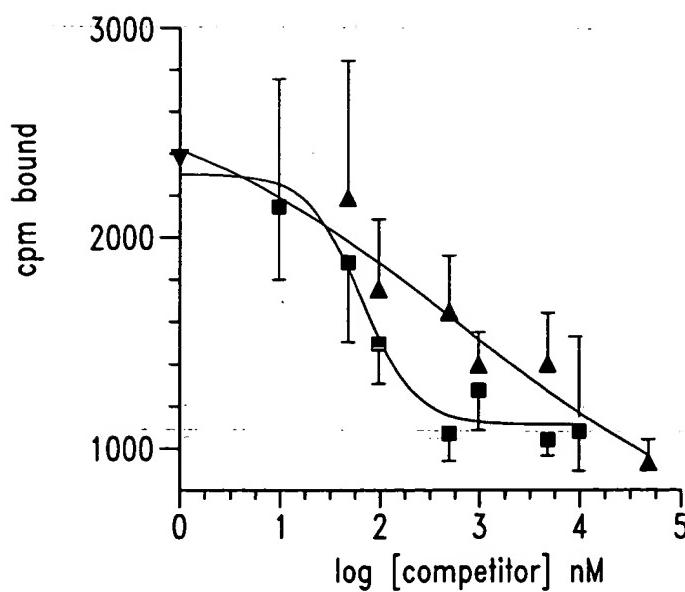


Fig. 19